

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
 Data File : BP024588.D
 Acq On : 09 May 2025 13:03
 Operator : RC/JU
 Sample : Q1968-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-M

Quant Time: May 09 13:51:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 09 12:07:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	141319	20.000	ng	0.00
21) Naphthalene-d8	10.469	136	536094	20.000	ng	# 0.00
39) Acenaphthene-d10	14.328	164	317044	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	623184	20.000	ng	# 0.00
76) Chrysene-d12	21.574	240	736576	20.000	ng	0.00
86) Perylene-d12	24.898	264	881896	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1021387	119.504	ng	0.00
7) Phenol-d6	6.893	99	1102643	94.218	ng	0.00
23) Nitrobenzene-d5	8.846	82	857918	91.252	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	707020	161.182	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	1881525	90.865	ng	0.00
79) Terphenyl-d14	19.857	244	3290893	90.055	ng	0.00

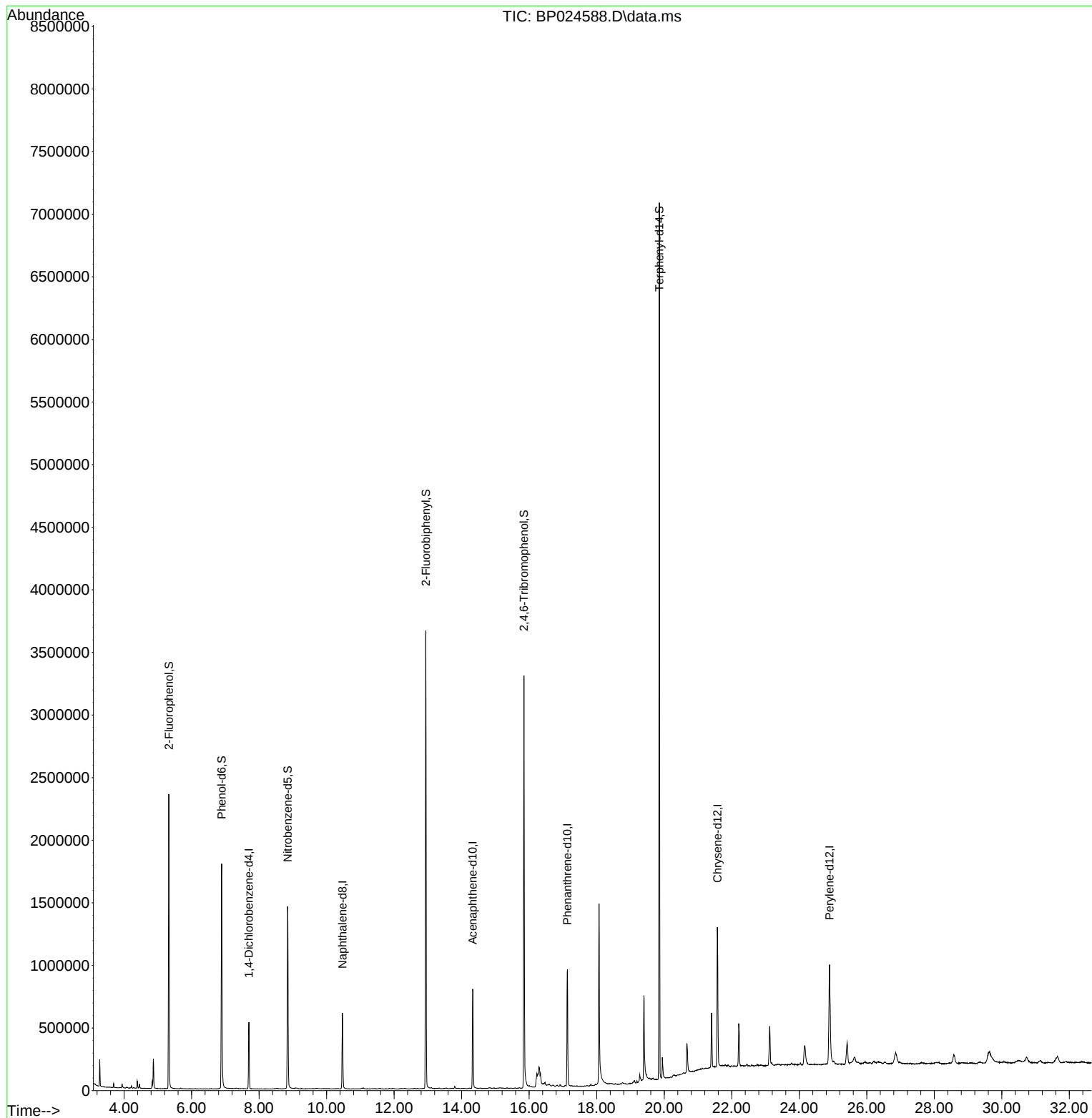
Target Compounds	Qvalue

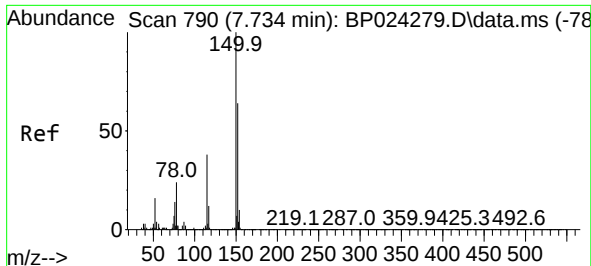
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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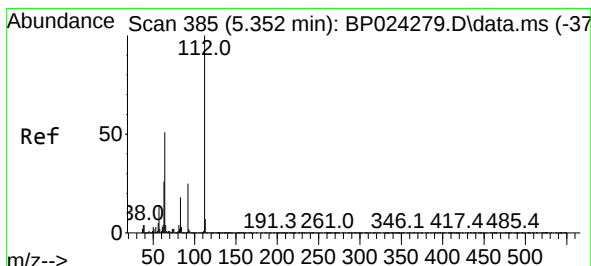
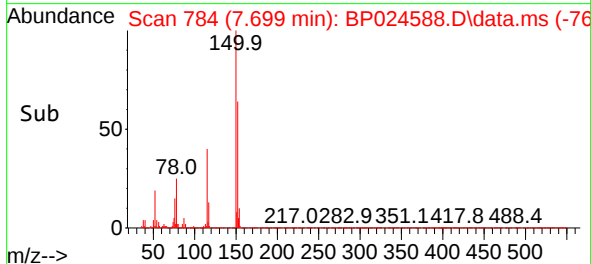
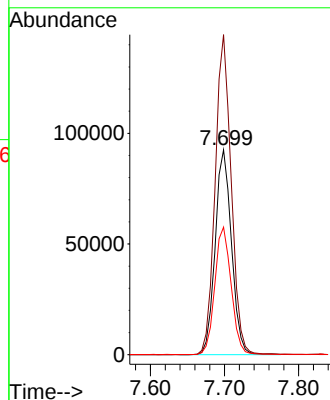
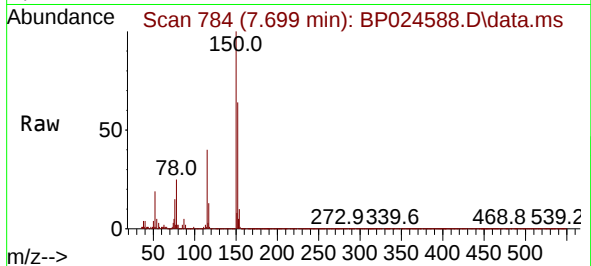




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 71
Delta R.T. 0.001 min
Lab File: BP024588.D
Acq: 09 May 2025 13:03

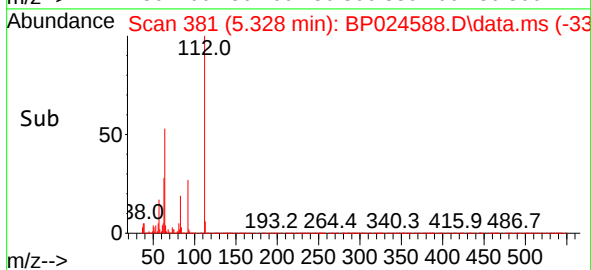
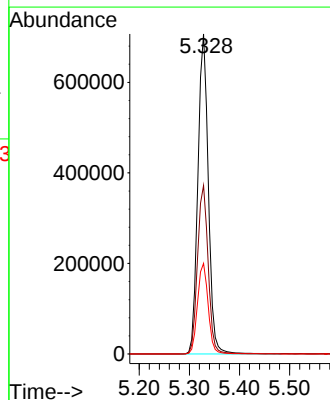
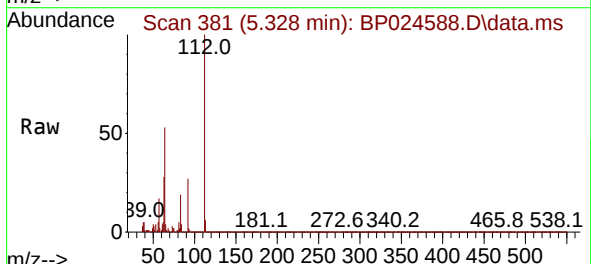
Instrument :
BNA_P
ClientSampleId :
MH-M

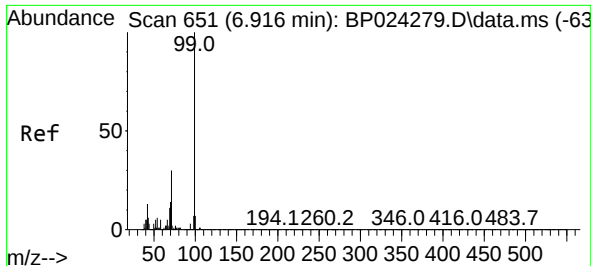
Tgt Ion:152 Resp: 141319
Ion Ratio Lower Upper
152 100
150 156.2 124.9 187.3
115 62.2 47.7 71.5



#5
2-Fluorophenol
Concen: 119.504 ng
RT: 5.328 min Scan# 381
Delta R.T. 0.000 min
Lab File: BP024588.D
Acq: 09 May 2025 13:03

Tgt Ion:112 Resp: 1021387
Ion Ratio Lower Upper
112 100
64 52.6 41.1 61.7
63 28.3 20.6 30.8

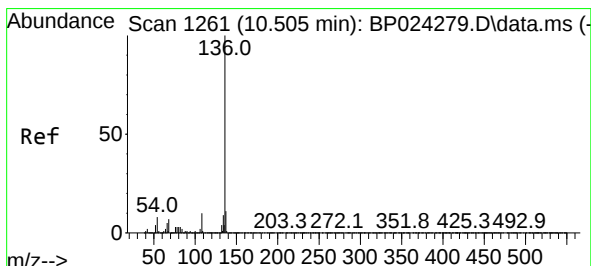
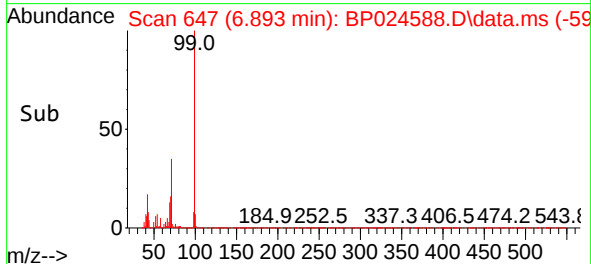
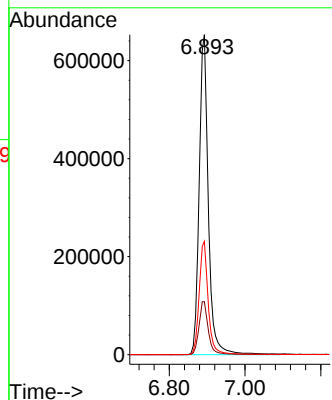
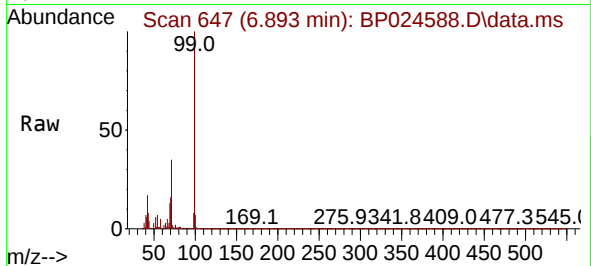




#7
Phenol-d6
Concen: 94.218 ng
RT: 6.893 min Scan# 647
Delta R.T. 0.000 min
Lab File: BP024588.D
Acq: 09 May 2025 13:03

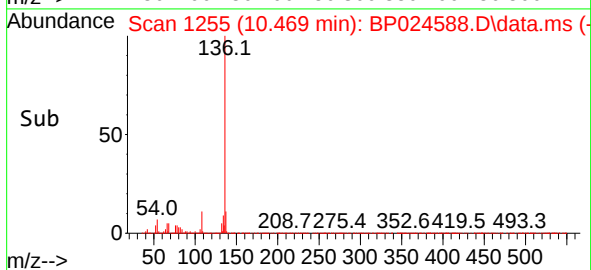
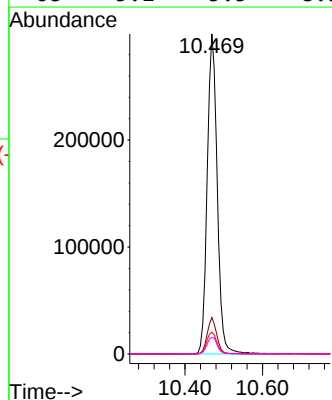
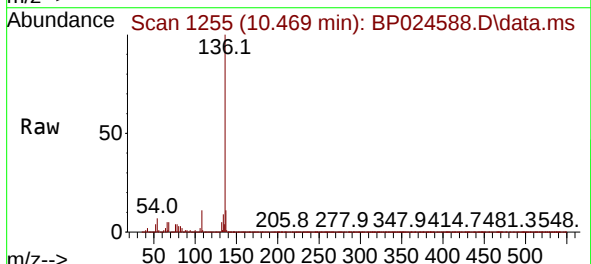
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BNA_P
ClientSampleId :
MH-M

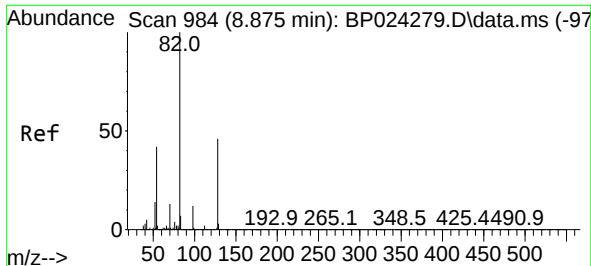
Tgt Ion: 99 Resp: 1102643
Ion Ratio Lower Upper
99 100
42 16.6 10.6 16.0#
71 35.4 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP024588.D
Acq: 09 May 2025 13:03

Tgt Ion: 136 Resp: 536094
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 6.8 6.0 9.0
68 5.1 5.5 8.3#

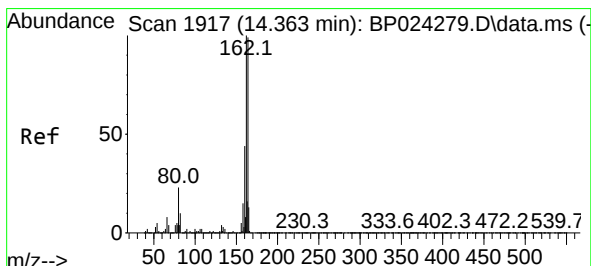
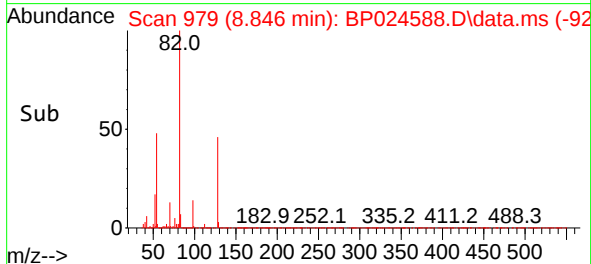
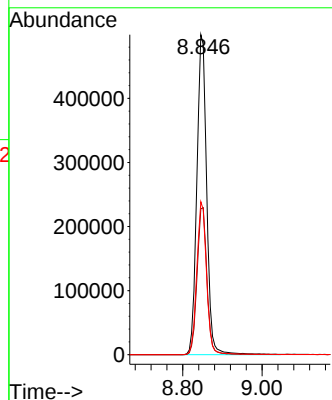
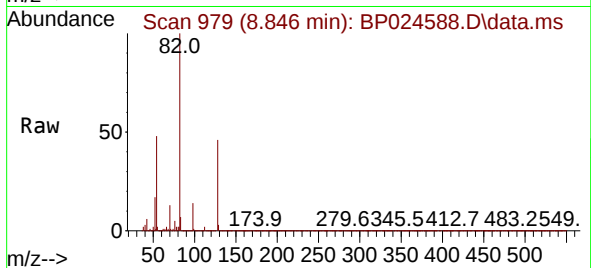




#23
Nitrobenzene-d5
Concen: 91.252 ng
RT: 8.846 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP024588.D
Acq: 09 May 2025 13:03

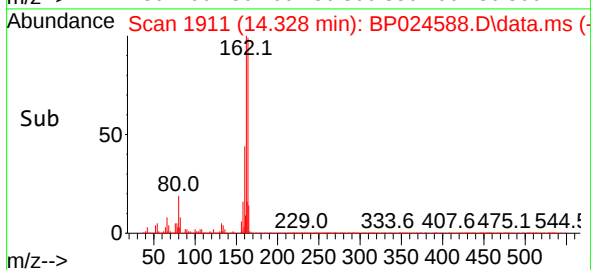
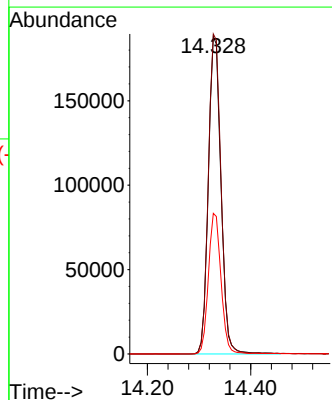
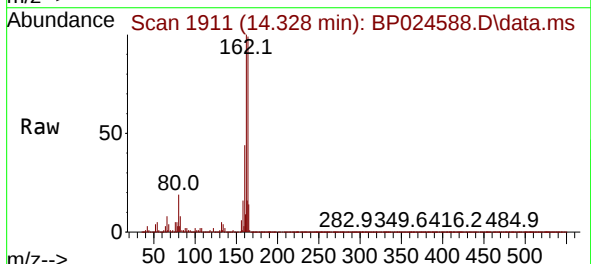
Instrument :
BNA_P
ClientSampleId :
MH-M

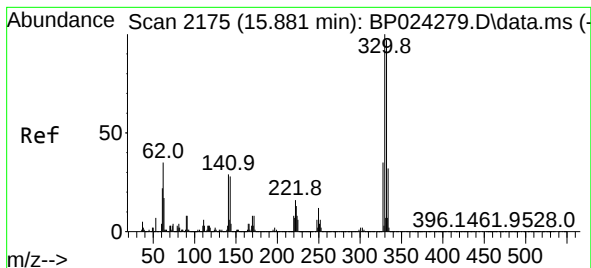
Tgt Ion: 82 Resp: 857918
Ion Ratio Lower Upper
82 100
128 45.6 36.5 54.7
54 47.8 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP024588.D
Acq: 09 May 2025 13:03

Tgt Ion: 164 Resp: 317044
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 44.3 35.3 52.9

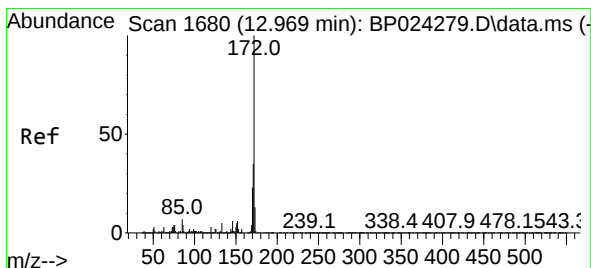
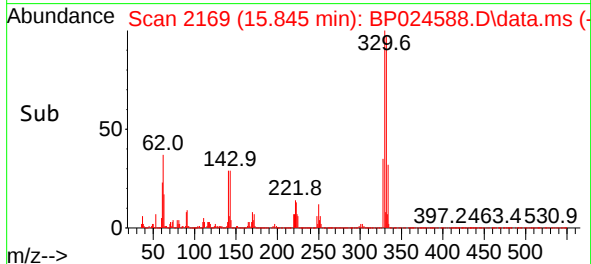
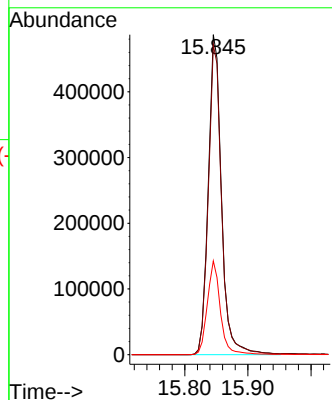
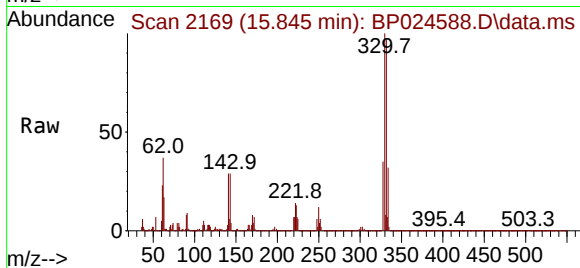




#42
2,4,6-Tribromophenol
Concen: 161.182 ng
RT: 15.845 min Scan# 2175
Delta R.T. 0.000 min
Lab File: BP024588.D
Acq: 09 May 2025 13:03

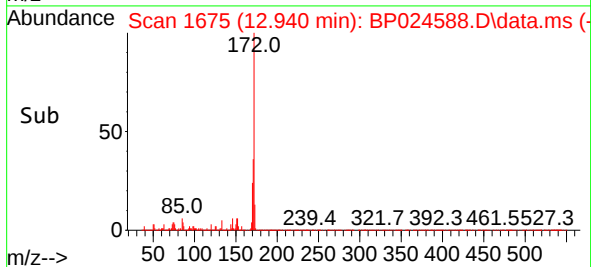
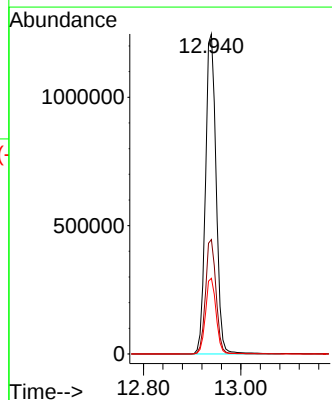
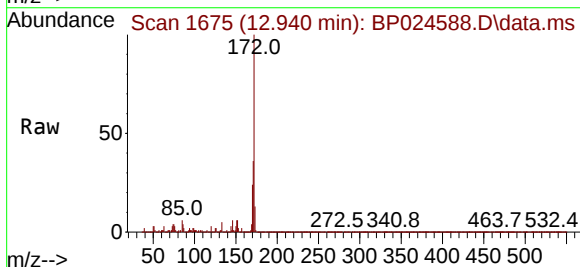
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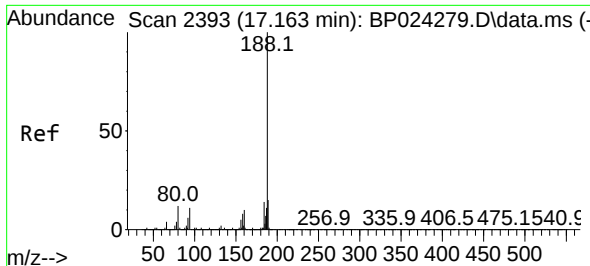
Tgt Ion: 330 Resp: 707020
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 29.0 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 90.865 ng
RT: 12.940 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP024588.D
Acq: 09 May 2025 13:03

Tgt Ion: 172 Resp: 1881525
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 23.7 18.6 27.8

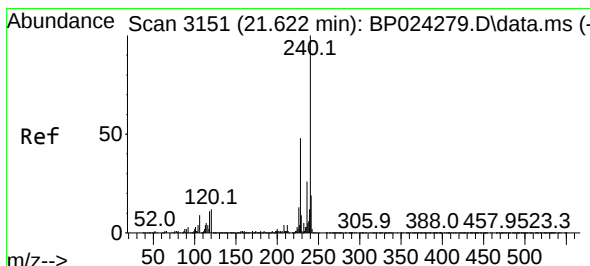
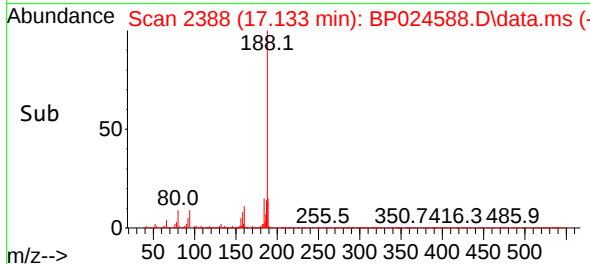
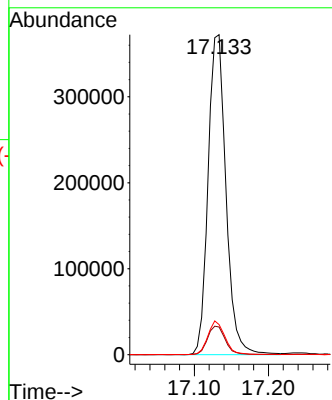
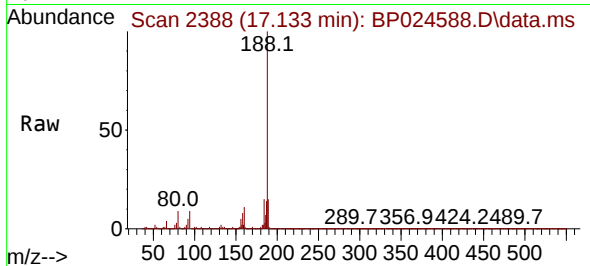




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024588.D
Acq: 09 May 2025 13:03

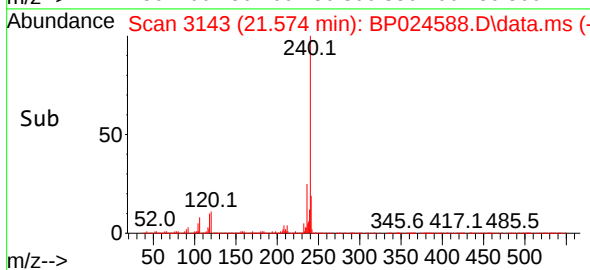
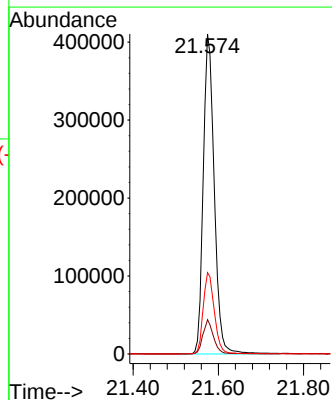
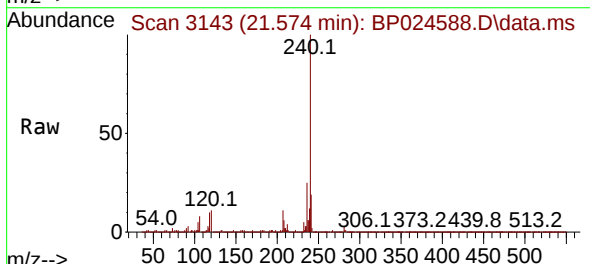
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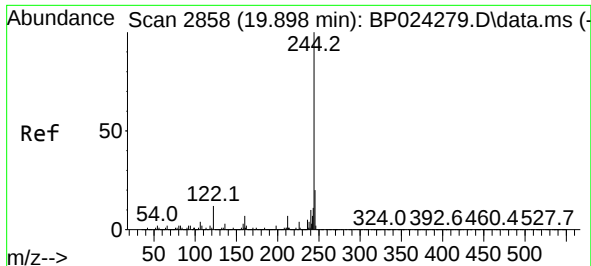
Tgt Ion:188 Resp: 623184
Ion Ratio Lower Upper
188 100
94 8.6 8.6 13.0
80 9.4 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3143
Delta R.T. 0.006 min
Lab File: BP024588.D
Acq: 09 May 2025 13:03

Tgt Ion:240 Resp: 736576
Ion Ratio Lower Upper
240 100
120 10.7 9.8 14.8
236 25.4 20.9 31.3

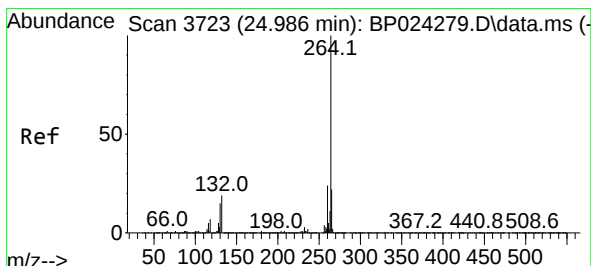
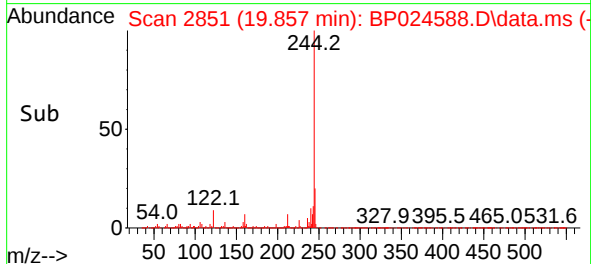
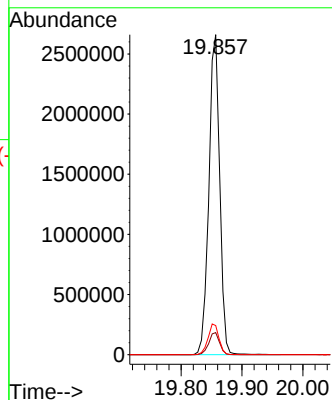
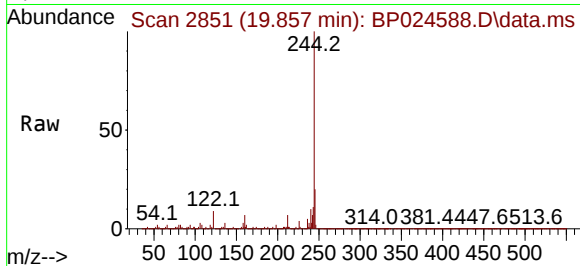




#79
 Terphenyl-d14
 Concen: 90.055 ng
 RT: 19.857 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024588.D
 Acq: 09 May 2025 13:03

Instrument :
 BNA_P
 ClientSampleId :
 MH-M

Tgt Ion:244 Resp: 3290893
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 9.1 9.4 14.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.898 min Scan# 3708
 Delta R.T. 0.012 min
 Lab File: BP024588.D
 Acq: 09 May 2025 13:03

Tgt Ion:264 Resp: 881896
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 21.3 17.8 26.6

